

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

17

Application No.

09/767,000

Filing Date

January 22, 2001

First Named Inventor

Y. Brian Chen

Art Unit

2661

RECEIVED

FEB 19 2004

Examiner Name

Attorney Docket Number

85710P056

Technology Center 2600

ENCLOSURES (check all that apply)

Fee Transmittal Form

Fee Attached

Amendment / Response

After Final

Affidavits/declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

PTO/SB/08

Certified Copy of Priority Document(s)

Response to Missing Parts/ Incomplete Application

Basic Filing Fee

Declaration/POA

Response to Missing Parts under 37 CFR 1.52 or 1.53

Drawing(s)

Licensing-related Papers

Petition

Petition to Convert a Provisional Application

Power of Attorney, Revocation Change of Correspondence Address

Terminal Disclaimer

Request for Refund

CD, Number of CD(s)

After Allowance Communication to Group

Appeal Communication to Board of Appeals and Interferences

Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

Proprietary Information

Status Letter

Other Enclosure(s) (please identify below):

Statement Under 37 CFR 3.73(b), true copies of assignment documents (011490/0653) and (011959/0369)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

André L. Marais, Reg. No. 48,095

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Signature

Date

02/13/04

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

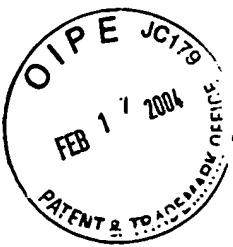
Typed or printed name

Jennifer L. Stewart

Signature

Date

02/13/04



Attorney's Docket No.:085710.P056

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Y. Brian Chen

Application No.: 09/767,000

Filing Date: January 22, 2001

For: **A LOCAL SWITCH FOR A
BROADBAND MULTIMEDIA
TELECOMMUNICATIONS SYSTEM**

Examiner: Not Yet Assigned

Art Group: 2661

RECEIVED

FEB 19 2004

Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**

Tut Systems, Inc.

(Name of Assignee)

("assignee"), a California corporation having a place of
(State of Incorporation)

business at 5964 West Los Positas Boulevard, Pleasanton, CA 94588,
(Address)

hereby states that to the best of assignee's knowledge and belief it is the assignee of
the entire right, title, and interest in and to the above-referenced patent application and
represents that the undersigned is a representative authorized and empowered to sign
on behalf of the assignee.

Upon information and belief, the assignment document that evidences the
placement of title in the assignment is filed herewith. Pursuant to 37 C.F.R. §§ 1.36 and
3.71, the assignee hereby revokes all powers of attorney previously given and appoints
Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini,
Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Jordan Michael Becker,

Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Jae-Hee Choi, Reg. No. 45,288; Thomas M. Coester, Reg. No. 39,637; Robert P. Cogan, Reg. No. 25,049; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Mimi Diemmy Dao, Reg. No. 45,628; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Justin M. Dillon, Reg. No. 42,486; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George Fountain, Reg. No. 37,374; Andre Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Melissa A. Haapala, Reg. No. 47,622; Alan Heimlich, Reg. No. 48,808; James A. Henry, Reg. No. 41,064; Libby H. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; George Brian Leavell, Reg. No. 45,436; Samuel S. Lee, Reg. No. 42791; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Richard A. Nakashima, Reg. No. 42,023; Stephen Neal Reg. No. 47,815; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; Michael A. Proksch, Reg. No. 43,021; Randol W. Read, Reg. No. 43,876; William F. Ryann, Reg. No. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; Saina Shamilov, Reg. No. 48,266; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Ronald S. Tamura, Reg. No. 43,179; Edwin H. Taylor, Reg. No. 25,129; Lance A. Termes, Reg. No. 43,184;

David N. Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Kerry P. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Tom Van Zandt, Reg. No. 43,219; Brent Vecchia, Reg. No. 48,011; Lester J. Vincent, Reg. No. 31,460; Archana B. Vittal, Reg. No. 45,182; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Charles P. Landrum, Reg. No. 46,855; Suk S. Lee, Reg. No. 47,745; and Raul Martinez, Reg. No. 46,904, Brent E. Vecchia, Reg. No. 48,011; Lehua Wang, Reg. No. P48,023; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to André L. Marais,
Reg. No. 48,095, Blakely, Sokoloff, Taylor, & Zafman LLP,
12400 Wilshire Boulevard, Seventh Floor, Los Angeles, California 90025, and direct all
telephone calls to the same at (408) 947-8200.

Assignee of Interest: Tut Systems, Inc.

Dated: 4-2-02

By: Marilyn Lobel (Type or Print)

Name: Marilyn Lobel
(Type or Print)

Title: Vice President/Controller
(Type or Print)

Address of Assignee of Interest:
Tut Systems, Inc.

5964 West Las Positas Boulevard
Pleasanton, CA 94588

Respectfully submitted,

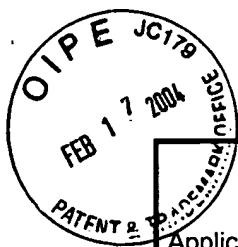
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 02/13/04 By 

Name: André L. Marais
(Type)

Reg. No.: 48,095

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, California 90025-1026
(408) 947-8200



Docket No. 85710P056

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Tut Systems, Inc.Application No./Patent No.: 09/767,000 Filing/Issue Date: 1/22/2001Entitled: A Local Switch for a Broadband Multimedia Telecommunications SystemTut Systems, Inc., a Corporation(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
of Delaware,

states that it is:

1. the assignee of the entire right, title and interest; or
2. an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: inventors To: ViaGate Technologies, Inc.The document was recorded in the Patent and Trademark Office at
Reel 011490, Frame 0653, or for which a copy thereof is attached.2. From: inventor To: ViaGate Technologies, Inc.The document was recorded in the Patent and Trademark Office at
Reel 011959, Frame 0369, or for which a copy thereof is attached.3. From: To: The document was recorded in the Patent and Trademark Office at
Reel , Frame , or for which a copy thereof is attached.4. From: To: The document was recorded in the Patent and Trademark Office at
Reel , Frame , or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet.

-
- Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of assignee.

02/13/06

Date

Signature

André L. Marais, Reg. No. 48,095

Typed or printed name

Title



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 18, 2001

DAVID P. GORDON
65 WOODS END ROAD
STAMFORD, CT 06905

PTAS
APR 23



101607508A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/22/2001

REEL/FRAME: 011490/0653

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHEN, Y. BRIAN

DOC DATE: 01/17/2001

ASSIGNOR:

BRODY, NADINE

DOC DATE: 01/17/2001

ASSIGNOR:

YU, HUAIYEU

DOC DATE: 01/17/2001

ASSIGNOR:

WEINSTOCK, NEIL

DOC DATE: 01/17/2001

ASSIGNEE:

VIAGATE TECHNOLOGIES, INC.
745 ROUTE 202/206
SUITE 101
BRIDGEWATER, NEW JERSEY 08807

SERIAL NUMBER: 09767000

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

011490/0653 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-08-2001

RECC



VIA-002

101607508

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies): Y. Brian Chen Nadine Brody Huaiyu Yu Neil Weinstock <i>1.77-01</i>		2. Name and address of receiving party(ies): ViaGate Technologies, Inc. 745 Route 202/206 Suite 101 Bridgewater, NJ 08807
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name Execution Date: 1/17/01		<i>09767000</i> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 1/17/01 A. Patent Application No.(s)		B. Patent No.(s) <i>173 U.S.P.T.O. 09/767000 01/22/01</i>
5. Name and address of party to whom correspondence concerning document should be mailed: David P. Gordon 65 Woods End Road Stamford, CT 06905		6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41). \$40 <input checked="" type="checkbox"/> Enclosed o Authorized to charge deposit account 8. Deposit account number: 07-1732 (attach duplicate page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David P. Gordon

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

ASSIGNMENT

WHEREAS, we, **Y. Brian Chen, Nadine Brody, Huaiyeu Yu and Neil Weinstock**, hereinafter referred to as the "Inventors", all citizens of the United States, whose post office addresses are respectively,

10 Quail Ridge Drive, Flemington, NJ 08822;
16 Winterberry Circle, Piscataway, NJ 08854;
74 Choctaw Ridge Road, Branchburg, NJ 08876; and
19 Windmill Drive, Morristown, NJ 07960

have invented certain new and useful improvements in

A LOCAL SWITCH FOR A BROADBAND MULTIMEDIA TELECOMMUNICATIONS SYSTEM

as described and set forth in an application for Letters Patent of the United States of America, executed by us on the 17th day of JANUARY, 2001
(Attorney Docket No.VIA-002).

AND WHEREAS, **ViaGate Technologies, Inc.**, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated, and existing under the laws of Texas, and having a place of business at 745 Route 202/206, Suite 101, Bridgewater, NJ 08807, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant David P. Gordon, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, we, **Y. Brian Chen, Nadine Brody, Huaiyue Yu** and **Nell Weinstock**, have hereunto set our hands and seals this 17th day of January, 2001.

Brian Chen (L.S.)
Nadine Brody (L.S.)
Huaiyue Yu (L.S.)
Nell Weinstock (L.S.)

State of, New Jersey)
County of Morris) ss:
)

BE IT KNOWN, that on this 17th day of January, 2001, personally appeared **Y. Brian Chen, Nadine Brody, Huaiyue Yu and Nell Weinstock**, to me known and known to me to be the individual(s) described in and who executed the foregoing assignment and he/they acknowledged to me that he/they executed the same.

Marie Jeanne Zaccaro
Notary Public

S E A L

MARIE JEANNE ZACCARO
NOTARY PUBLIC OF NEW JERSEY
COMMISSION EXPIRES JULY 20, 2005

My commission expires :

July 20, 2005

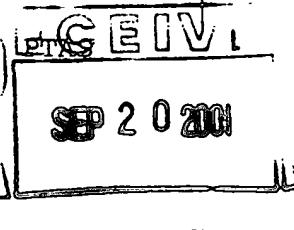
MARIE JEANNE ZACCARO
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 20, 2005



SEPTEMBER 17, 2001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



101774533A

DAVID P. GORDON
65 WOODS END ROAD
STAMFORD, CT 06905

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RECORDATION DATE: 07/02/2001

REEL/FRAME: 011959/0369
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
SHARMA, VISWA

DOC DATE: 01/22/2001

ASSIGNEE:
VIAGATE TECHNOLOGIES, INC.
745 ROUTE 202/206 SUITE 101
BRIDGEWATER, NEW JERSEY 08807

SERIAL NUMBER: 09767000
PATENT NUMBER:

FILING DATE: 01/22/2001
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-12-2001



VIA-002

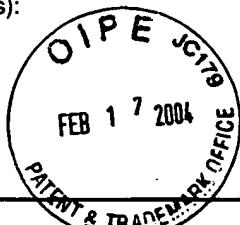
To the Honorable Commissioner of Pat.

101774533

ched original documents or copy thereof.

1. Name of Conveying party(ies):

Viswa Sharma



2. Name and address of receiving party(ies):

ViaGate Technologies, Inc.

745 Route 202/206
Suite 101
Bridgewater, NJ 08807

3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name

Execution Date: 1/22/01

Additional name(s) & address(es) attached? Yes No

JUL - 2 2001

MUD 7/2/01

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/767,000

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

David P. Gordon
65 Woods End Road
Stamford, CT 06905

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$40

 Enclosed Authorized to charge deposit account8. Deposit account number: 07-1732
(attach duplicate page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David P. Gordon

Name of Person Signing

Signature

June 29 2001

Date

Total number of pages including cover sheet, attachments, and document: 3

07/11/2001 DBYRNE 00000143 071732 09767000

01 FC:581

40.00 CH

ASSIGNMENT

WHEREAS, I, **Viswa Sharma**, hereinafter referred to as the "Inventor" a citizen of the United States whose post office address is 217 Milo Place, San Ramon, CA 94583, have invented certain new and useful improvements in

A LOCAL SWITCH FOR A BROADBAND MULTIMEDIA TELECOMMUNICATIONS SYSTEM

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 21 day of January, 2001 (Attorney Docket No. VIA-002).

AND WHEREAS, **ViaGate Technologies, Inc.** hereinafter referred to as the "said COMPANY", a company existing under the laws of Texas and having a place of business at 745 Route 202/206, Suite 101, Bridgewater, NJ 08807, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other

instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

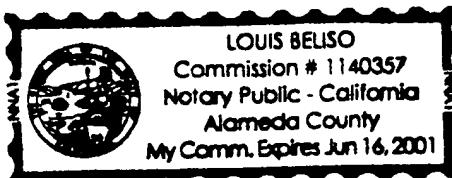
The undersigned hereby grants(s) David P. Gordon and David S. Jacobson the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, **Viswa Sharma**, have hereunto set my hand and seal this 22 day of January, 2001

Viswa Sharma (L.S.)
Inventor

County of Alameda)
State of California) ss:

BE IT KNOWN, that on this 22nd day of January, 2001 personally appeared **Viswa Sharma** to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.



SEAL

My commission expires: June 16, 2001

Louis Beliso
Notary Public

Application No.: 09/766,932 Filing Date: 1/22/2001 Docket #: 85710.P054

Date Mailed: 02/13/2004 Due Date(s): _____

Client: TUT SYSTEMS, INC. Atty/Sec: ALM/JKC/jls

Title: CUSTOMER PREMISES EQUIPMENT USE IN MULTIMEDIA BROADBAND
TELECOMMUNICATION

First Named Inventor: Y Brian Chen

The following has been received in the U.S.P.T.O. on the date stamped hereon:

Assignment & Cover Sheet (30 pgs)

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**Assignment also for 85710P055 (09/767,016) and
85710P056 (09/767,000)**

Check No. 2592 in the amount of \$120.00

Postcard

Assignee: Tut Systems, Inc.

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP
A PARTNERSHIP INCLUDING LAW CORPORATIONS
60 SOUTH MARKET STREET, SUITE 510
SAN JOSE, CA 95113-2392
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THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
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Invoice: 02/09/2004 Amount: 120.00
85710P054 Tut Systems, Inc. ALM/JKC/jls
Assignment Recordation filing fee
Assignment also for 85710P055 (09/767,016) and 85710P056
(09/767,000)
From ViaGate Technologies, Inc. to Tut Systems, Inc.

002792

**Recordation Form Cover Sheet
PATENTS ONLY**

Attorney Docket No.: _____

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Viagate Technologies, Inc.

Additional name(s) of conveying party(ies) attached?

No Yes

2. Name and address of receiving party(ies):

Name: Tut Systems, Inc.

Internal Address: _____

3. Nature of Conveyance

- Assignment Merger
 Security Agreement Change of Name
 Other: Asset Purchase Agreement

Execution Date(s): 09/14/2001

Street Address: 5964 West Las Positas Boulevard

City: Pleasanton State/Provence: CA Zip: 94588

Country: United States of America

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): :

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/766,932

09/767,016, 09/767,000

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Andre L. Marais

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 12400 Wilshire Boulevard, 7th Floor
Los Angeles, California 90025

6. Total number of applications and patents involved: 3

7. Total Fee (37 CFR 3.41).....\$ 120.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Andre L. Marais

Name of Person Signing

Signature

02/13/04

Date

Total number of pages including cover sheet, attachments, and documents: 30

Mail documents to be recorded with required cover sheet information to:

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ASSET PURCHASE AGREEMENT

Among

TUT SYSTEMS, INC.
(the "Buyer"),

and

VLAGATE TECHNOLOGIES, INC.
(the "Seller")

Dated as of September 14, 2001



ASSET PURCHASE AGREEMENT

1
2 THIS ASSET PURCHASE AGREEMENT (this "Agreement") is entered into as
3 of the 14 day of September, 2001, by and among TUT SYSTEMS, INC. (the "Buyer"), on the
4 one hand, and VIAGATE TECHNOLOGIES, INC. a Chapter 11 debtor in possession under
5 Case No. 01-58902 (KCF) in the United States Bankruptcy Court for the District of New Jersey
6 (the "Seller"), on the other hand.

BACKGROUND

8 A. The Seller filed a voluntary petition (the "Petition") for relief under
9 Chapter 11 of Title 11 of the United States Code, 11 U.S.C. § 101 *et seq.*, as amended (the
10 "Bankruptcy Code") in the United States Bankruptcy Court for the District of New Jersey (the
11 "Bankruptcy Court") on July 30, 2001 (the "Filing Date"), has operated its business as a debtor-
12 in-possession (as defined in Bankruptcy Code Section 1101) as authorized by Bankruptcy Code
13 Sections 1107 and 1108 since the Filing Date and is preparing a liquidating plan for approval by
14 the Bankruptcy Court.

15 B. The Buyer has agreed to acquire from the Seller, and the Seller has agreed
16 to sell to the Buyer the Purchased Assets (as defined below), on the terms and subject to the
17 conditions set forth herein.

18 C. The Buyer has agreed to assume from the Seller, and the Seller has agreed
19 to assign to the Buyer, the Seller's rights and obligations under certain contracts, on the terms
20 and subject to the conditions set forth herein.

21 NOW, THEREFORE, in consideration of the premises, covenants, representations
22 and warranties contained herein, and other good and valuable consideration, the adequacy and
23 receipt of which are hereby acknowledged, the parties agree as follows:

ARTICLE I CERTAIN DEFINITIONS

24 "Affiliate" shall mean, with respect to any Person, any Person which,
25 directly or indirectly, controls, is controlled by, or is under common control with, the
26 specified Person and any Person that would be deemed to be an "affiliate" or an
27
28

1 "associate" of such Person, as those terms are defined in Rule 12b-2 of the General Rules
2 and Regulations of the Securities Exchange Act of 1934, as amended.

3 "Aggrieved" shall have the meaning ascribed to it in Section 8.3.

4 "Assumed Contracts" shall have the meaning ascribed to it in
5 Section 2.1(b).

6 "Assumed Liabilities" shall have the meaning ascribed to it in Section 2.2.

7 "Background" shall mean the Background provisions of this Agreement.

8 "Bankruptcy Code" shall have the meaning ascribed to it in the
9 Background.

10 "Bankruptcy Court" shall have the meaning ascribed to it in the
11 Background.

12 "Bankruptcy Rules" shall mean the Federal Rules of Bankruptcy
13 Procedure.

14 "Benefit Plan" shall mean each compensation, stock option, employment,
15 severance, insurance, pension or retirement plan, program or agreement that is sponsored,
16 maintained or contributed to by the Seller for the benefit of any employee or former
17 employee of the Seller employed in connection with the business.

18 "Buyer" shall have the meaning ascribed to it in the preamble hereto.

19 "Buyer Indemnities" shall have the meaning ascribed to it in Section 8.1.

20 "Certifications" shall mean all governmental and quasi-governmental
21 approvals as well as the approvals, testing results and certifications of private
22 organizations relating to the Products and/or their use.

23 "Claim" shall have the meaning ascribed to it in Section 8.3.

24 "Closing" shall have the meaning ascribed to it in Section 2.4(a).

1 "Closing Date" shall have the meaning ascribed to it in Section 2.4(a).

2 "COBRA" shall mean the Consolidated Omnibus Reconciliation Act of
3 1985.

4 "Code" shall mean the Internal Revenue Code of 1986, as amended.

5 "Copyrights" shall mean all registered (U.S. or foreign) or unregistered
6 copyrights in or related to the Products including those listed in Schedule 1 (a) hereto.

7 "Environmental Claim" shall mean any claim, action, or written notice by
8 any Governmental Entity or landlord alleging liability of the Seller arising out of, based
9 on or resulting from (a) the presence, or release into the environment, of any Hazardous
10 Material or (b) circumstances forming the basis of any violation of any Environmental
11 Law by the Seller.

12 "Environmental Law" shall mean all applicable federal, state and local
13 statutes, regulations, and orders relating to pollution, protection of the environment,
14 public health and safety or employee health and safety including the Comprehensive
15 Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §§ 9601
16 et seq., and the Occupational Safety and Health Act, 29 U.S.C. § 654 et seq.

17 "Equipment" shall have the meaning ascribed to it in Section 2.1(a)(iii),
18 (iv), (v) and (vi).

19 "ERISA" shall mean the Employee Retirement Income Security Act of
20 1974, as amended.

21 "Excluded Assets" shall have the meaning ascribed to it in Section 2.1(c).

22 "Excluded Liabilities" shall have the meaning ascribed to it in Section 2.2.

23 "Final Order" shall mean the order of the Bankruptcy Court pursuant to
24 Title 11 of the United States Code approving the sale and transfer of the Purchased
25 Assets and the assumption and assignment of the Assumed Contracts free and clear of all
26 Liens pursuant to 11 U.S.C. Sections 363 and 365.

1 "Governmental Entity" shall mean any federal, state municipal or local
2 court, legislature, governmental agency, commission or regulatory authority or
3 instrumentality.

4 "Hazardous Materials" shall mean any chemical, hazardous substance,
5 pollutant, contaminant, or petroleum product regulated under any Environmental Law.

6 "Hired Employee" shall have the meaning ascribed to it in Section 6.2(h).

7 "Indemnitor" shall have the meaning ascribed to it in Section 8.3.

8 "Instruments of Assumption and Assignment" shall have the meaning
9 ascribed to it in Section 2.4(c).

10 "Intellectual Property" shall mean: (i) all Patents, Copyrights, Trade
11 secrets, Trademarks, Certifications and Software ; (ii) the right to retain and prosecute
12 all Patents, Copyrights, Trade secrets, Trademarks, Certifications; (iii) the exclusive right
13 to commercially and otherwise exploit the Products in any medium and throughout the
14 world; and (iv) the exclusive right to continue to develop the Products and create
15 derivative works; and (v) the exclusive right to authorize the lawful possession or use of
16 the Products by others by license or otherwise, anywhere in the world, in any medium,
17 for any purpose whatsoever; and (v) the exclusive right to assert and prosecute claims for
18 infringement or violation of the foregoing regardless of the date upon which such
19 wrongdoing occurred.

20 "Intellectual Property Deliverables" shall have the meaning ascribed to it
21 in Section 2.4(b) and in Schedule 2.4(b)(iv).

22 "License" means any contract between the Seller and any third party
23 conferring upon the Seller or such third party the right to possess, use, resell or otherwise
24 exploit Intellectual Property.

25 "Lien" shall mean any lien, security, claim, assignment, pledge, claim of
26 ownership or charge.

27 "Losses" shall have the meaning ascribed to it in Section 8.1.

1 "Material Adverse Effect" shall mean any change, event or effect (or
2 series of related changes, events or effects) which, when taken individually or together,
3 could have a material adverse effect on the value of the Purchased Assets.

4 "Material Taxes" shall have the meaning ascribed to it in Section 3.14(b).

5 "Material Tax Returns" shall have the meaning ascribed to it in
6 Section 3.14(a).

7 "Non-Appealable" shall mean, with respect to any order or judgment, an
8 order or judgment as entered on the docket that has not been reversed, stayed, modified
9 or amended and, as to which the time to appeal, petition for certiorari, or seek reargument
10 or rehearing has expired and no timely appeal, petition for certiorari, or request for
11 reargument or rehearing is pending or as to which any right to appeal, reargue, petition
12 for certiorari, or seek rehearing has been waived in writing in a manner reasonably
13 satisfactory to the Buyer or, if an appeal, reargument, petition for certiorari, or rehearing
14 thereof has been denied, the time to take any further appeal or to seek certiorari or further
15 reargument or rehearing has expired.

16 "Patents" shall mean all U.S. and foreign letters patent, patent
17 applications, PCT applications, industrial design and all similar filings, including but not
18 limited to those listed on Schedule 1 (b) hereto .

19 "Permits" shall have the meaning ascribed to it in Section 3.5.

20 "Permitted Liens" shall mean Liens to be released, and which are in fact
21 released, prior to or at Closing.

22 "Person" shall mean any individual, group, corporation, partnership or
23 other organization or entity (including without limitation any Governmental Entity).

24 "Products" shall mean all of the Seller's products, whether completed or in
25 any stage of development, including Seller's multimedia access node (including the
26 "VG4160"), customer premise equipment (including "ViaJet®") and customer and

1 network management software (including "ViaView®") and all documentation related or
2 referring thereto.

3 "Purchase Price" shall have the meaning ascribed to it in Section 2.3.

4 "Purchased Assets" shall mean the assets identified in Section 2.1(a).

5 "Seller" shall have the meaning ascribed to it in the preamble hereto.

6 "Seller Indemnities" shall have the meaning ascribed to it in Section 8.2.

7 "Seller's Officer's Certificate" shall have the meaning ascribed to it in
8 Section 6.2(d).

9 "Software" means computer programs (source and object code) together
10 with all associated routines, subroutines, tools, devices, specifications and other
11 documentation including that owned by third parties but licensed to Seller pursuant to
12 Assumed Contracts.

13 "Tax" or "Taxes" shall mean any and all taxes, levies or other like
14 assessments (including interest and penalties), including income, transfer, gross receipts,
15 excise, property, sales, use, payroll and employment taxes, imposed by the United States,
16 or any state, or local government or subdivision or agency thereof.

17 "Tax Return" shall mean any report or return filed with any federal, state
18 or local taxing authority with respect to Taxes imposed upon or attributable to the
19 Purchased Assets or the operations of the Seller's business.

20 "Trademarks" means all registered or unregistered trademarks,
21 servicemarks, tradenames, Uniform Resource Locators or logos, phrases, names or
22 devices associated with the Products , including those listed in Schedule 1 (c) hereof.

23 "Trade Secrets" shall mean all non-public information concerning or
24 related to the Products, including proprietary and confidential information, know how,
25 technology, inventions, designs, processes, and all other intangible properties and rights

in and to Products, whether or not in written form and whether developed by the Seller or sold, licensed or lawfully imparted to the Seller by a third party.

"Transactions" shall mean, collectively, (i) the purchase and sale of Purchased Assets and (ii) the other transactions contemplated by this Agreement.

"Transfer Taxes" shall have the meaning ascribed to it in Section 5.11.

"WARN Act" shall mean the federal Worker Adjustment and Retraining Notification Act.

ARTICLE II

SALE AND PURCHASE OF ASSETS

Section 2.1 Transfer of Assets.

1 assume all of the Seller's right, title and interest in those contracts and leases set forth on
2 Schedule 2.1(b) hereto (the "Assumed Contracts"). Buyer shall have the right to designate
3 additional contracts and leases (the "Additional Assumed Contracts") as Assumed Contracts by
4 notice to the Seller delivered at any time on or before October 5, 2001. On or before October
5 12, 2001, the Seller shall file a motion to assume and assign all Additional Assumed Contracts to
6 the Buyer, provided the Buyer agrees to pay all costs to cure defaults under such Additional
7 Assumed Contracts as required pursuant to 11 U.S.C. § 365. The Seller shall not seek to reject
8 any executory contracts (other than those which are the subject of the Seller's pending motion to
9 reject) prior to October 5,2001 and , thereafter , shall not seek to reject any Additional Assumed
10 Contracts unless and until the motion to assume and assign the Additional Assumed Contracts
11 has been denied .

12 (c) The Buyer is not acquiring, and the Seller shall retain all right, title
13 and interest in any property, assets or rights not expressly identified as Purchased Assets in
14 Section 2.1(a) or Assumed Contracts in Section 2.1(b) (the "Excluded Assets"), including,
15 without limitation, (i) all bank and other deposits, accounts, investments advances, collateral for
16 letters of credit and funds, (ii) all leases and contracts not included in Assumed Contracts, (iii) all
17 raw material inventory, and (iv) all premium refunds under insurance policies.

18 Section 2.2 Excluded Liabilities. The Buyer shall assume, and shall hold the
19 Seller harmless and indemnify the Seller on the terms and subject to the conditions and
20 limitations set forth in Article VIII hereof, from and against the obligations and liabilities arising
21 under the Assumed Contracts from and after the Closing Date but not to the extent arising from
22 any pre-Closing act or omission of Seller or its Affiliates (the "Assumed Liabilities"). The
23 Buyer shall not assume or become responsible for, and shall be deemed not to have assumed or
24 become responsible for, any liabilities or obligations (fixed or contingent) of the Seller
25 (including under Benefit Plans or the benefits or funding obligations thereunder) except for the
26 Assumed Liabilities (such excluded liabilities, the "Excluded Liabilities").

27 Section 2.3 Purchase Price. In consideration for the sale and transfer of the
28 Purchased Assets, the Buyer shall assume the Assumed Liabilities and the Assumed Contracts
29 and the Buyer shall pay to the Seller the sum of \$550,000.

1 **Section 2.4 Closing.**

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23 **ARTICLE III**

24 **REPRESENTATIONS AND WARRANTIES OF THE SELLER**

25 The Seller represents and warrants to the Buyer as follows:

26 Section 3.1 Organization and Authority. The Seller is a corporation duly
27 organized, validly existing and in good standing under the laws of the State of Texas. The Seller
28 has heretofore made available to the Buyer complete and correct copies of its articles of

1 incorporation and by-laws, as currently in effect. The Seller has all requisite power and authority
2 to carry on and conduct its business, subject to all requirements of the Bankruptcy Code , as it is
3 now being conducted and to own or lease its properties and assets, and is duly qualified to do
4 business and is in good standing as a foreign corporation in the State of New Jersey.

5 Section 3.2 Authority Relative to this Agreement. Subject to the entry of the
6 Final Order, the Seller has full corporate power and authority to execute and deliver this
7 Agreement and to consummate the Transactions. Subject to the entry of the Final Order, the
8 Board of Directors of the Seller has approved the sale of the Purchased Assets to the Buyer and
9 no other corporate proceedings on the part of the Seller or its Board are necessary to authorize
10 this Agreement or to consummate the Transactions. This Agreement has been duly and validly
11 executed and delivered by the Seller and, subject to the entry of the Final Order, constitutes, a
12 valid and binding obligation of the Seller enforceable against the Seller in accordance with its
13 terms.

14 Section 3.3 Consents and Approvals; No Violations. Except for the items
15 listed on Schedule 3.3(A) and subject to the entry of the Final Order, no filing with, and no
16 permit, authorization, consent or approval of any Governmental Entity, is necessary for the
17 consummation by the Seller of the Transactions. Except as set forth in Schedule 3.3(B), and
18 subject to the entry of the Final Order, neither the execution and delivery of this Agreement by
19 the Seller nor the consummation by the Seller of the Transactions will (i) conflict with or result
20 in any breach of any provision of the certificates (or articles) of incorporation or by-laws of the
21 Seller, (ii) result in a violation or breach of, or constitute (with or without due notice or lapse of
22 time or both) a default (or give rise to any right of termination, cancellation or acceleration)
23 under, any of the terms, conditions or provisions of any note, contract, Permit, lease, or other
24 agreement to which any of the Purchased Assets may be subject or (iii) violate any order, statute,
25 or regulation applicable to the Seller or any of the Purchased Assets, except in the case of
26 clauses (ii) or (iii) for violations, breaches or defaults which could not reasonably be expected to
27 have a Material Adverse Effect.

28 Section 3.4 No Default. Except as set forth in Schedule 3.4, as of the Closing
29 the Seller will not be in default (except for defaults of the type referred to in Section 365(b)(2) of
30 the Bankruptcy Code) or violation (and no event will have occurred which with notice or lapse of

1 time would constitute a default or violation) of any term, condition or provision of (i) any
2 Assumed Contract which would give rise to a right to terminate any such Assumed Contract, or
3 (ii) any order, injunction or decree applicable to the Seller or the Purchased Assets.

4 Section 3.5 Compliance with Applicable Law. The Seller holds all permits,
5 licenses, approvals and authorizations of all applicable Governmental Entities necessary for the
6 lawful conduct of its business other than those the absence of which would not result in a
7 Material Adverse Effect (the "Permits"). The Seller's business is being conducted in compliance
8 with all Permits, orders, injunctions, decrees and applicable laws, rules and regulations of any
9 Governmental Entity having jurisdiction over the Purchased Assets, except where such
10 non-compliance would not have a Material Adverse Effect.

11 Section 3.6 Labor Relations. Except as set forth in Schedule 3.6 hereto,
12 (i) none of the employees of the Seller is represented by any labor organization, (ii) there is no
13 unfair labor practice charge or complaint, grievance or arbitration under any collective
14 bargaining agreement, discrimination or equal employment opportunity charge or complaint, or
15 other complaint or proceeding pending or, to the knowledge of the Seller, threatened by or on
16 behalf of any employee of the Seller within the last three (3) years, (iii) within the last three
17 (3) years, there has been no labor strike, lock-out, slowdown or stoppage nor, to the knowledge
18 of the Seller, is any such action presently threatened against or affecting the Seller, (iv) Seller is
19 in substantial compliance with all collective bargaining agreements to which the Seller is a party,
20 and (v) within the last three (3) years there are no citations, investigations, administrative
21 proceedings or formal complaints of violations of local, state or federal occupational safety and
22 health laws pending before the occupational Safety and Health Review Commission or any
23 federal, state or local agency or court against the Seller of which the Seller has received notice.

24 Section 3.7 Employee Benefit Plans; ERISA. Schedule 3.7 hereto sets forth a
25 list of all Benefit Plans. Except as set forth on Schedule 3.7, each such Benefit Plan complies in
26 form and in operation in all material respects with the applicable requirements of ERISA, the
27 Code and other applicable laws. The Seller has not incurred any liability to the Pension Benefit
28 Guaranty Corporation under applicable provisions of ERISA with respect to any of the Benefit
29 Plans or any withdrawal liability under Title IV of ERISA with respect to any of the Benefit
30 Plans that are multi-employer plans except as set forth on Schedule 3.7 or where such liability

1 would not cause a Material Adverse Effect. Except as set forth on Schedule 3.7, the
2 consummation of the Transactions will not entitle any current or former employee or officer of
3 the Seller to severance pay, unemployment compensation or any other payment from the Buyer
4 except to the extent that unemployment or similar compensation may become payable under
5 applicable law to any employees of the Buyer who are terminated following the Closing Date.

6 **Section 3.8 Material Contracts.**

7 (a) Schedule 3.8(a) sets forth a true and complete list of each contract
8 to which the Purchased Assets are subject and to which they will be subject after the Closing.

9 (b) Schedule 3.8(b) contains true and complete copies of all Assumed
10 Contracts. At the Closing, all Assumed Contracts will be in full force and effect and enforceable
11 against each party thereto. Schedule 2.1(b) accurately states the amounts required to cure all
12 defaults under the Assumed Contracts as required pursuant to 11 U.S.C. § 365.

13 **Section 3.9 Environmental Matters.**

14 (a) Except as set forth in Schedule 3.9(a), to the best of its knowledge,
15 the Seller is in compliance with applicable Environmental Laws, including the possession by the
16 Seller of all Permits required under applicable Environmental Laws. All Permits currently held
17 by the Seller pursuant to Environmental Laws are identified in Schedule 3.9(a).

18 (b) Except as set forth in Schedule 3.9(b), there is no Environmental
19 Claim pending or, to the Seller's knowledge, threatened against the Seller.

20 (c) Except as set forth in Schedule 3.9(c), there are no judgments,
21 orders or decrees of Governmental Entities against the Seller that relate to violations of
22 Environmental Law.

23 (d) INTENTIONALLY DELETED

24 (e) Except as set forth in Schedule 3.9(e), to the best of the Seller's
25 knowledge, no Hazardous Material has been released at, on, about or under any real property
26 owned or leased by the Seller.

10 Section 3.10 Title to Assets. At the Closing the Seller will have and will deliver
11 to the Buyer, good title to all of the Purchased Assets including the Products as well as the
12 Seller's right, title and interest in any and all Assumed Contracts.

13 Section 3.11 INTENTIONALLY DELETED

14 Section 3.12 Brokers or Finders. The Seller has not retained any agent, broker,
15 investment banker, financial advisor or other firm or person that is or will be entitled to any
16 brokers' or finder's fee or any other commission or similar fee in connection with any of the
17 Transactions. The foregoing notwithstanding , prior to the filing of the Petition, the Seller
18 retained UBS Warburg ("UBS") to explore strategic alternatives. However, the Seller has filed a
19 motion to reject the contract between the Seller and UBS and, in any event, UBS shall not be
20 entitled to any fee or commission which may be charged against the Buyer or any of the
21 Purchased Assets.

22 Section 3.13 Litigation. Except for the Seller's pending bankruptcy proceeding
23 described in the Background, claims filed in the Seller's pending bankruptcy proceeding and
24 those matters set forth in Schedule 3.13 hereto, there are: (i) no actions, suits, proceedings or, to
25 the knowledge of the Seller, investigations, relating to the Seller or the Purchased Assets ,
26 including the Products and Intellectual Property , pending or threatened ; or (ii) to the
27 knowledge of the Seller, no existing or threatened orders, injunctions, judgments or decrees
28 outstanding against the Seller or relating to any of the Purchased Assets , including the Products
29 and the Intellectual Property , by or before any Governmental Entity; or (iii) to the knowledge of

1 the Seller, no office actions, objections, claims of infringement or other claim to or against the
2 Seller or relating to the Purchased Assets including the Products and the Intellectual Property;.

3 Section 3.14 Tax Matters.

21 Section 3.15 No Undisclosed Liabilities. Upon the Closing, there shall be no
22 liabilities nor obligations of any kind (fixed or contingent) of the Seller affecting the Purchased
23 Assets except for the Assumed Liabilities. In the event the Buyer becomes aware of any breach
24 of this representation, the Buyer shall notify the Seller and Seller may attempt to cure such
25 breach by seeking a modification of the Final Order provided, however, such right to cure shall
26 not affect any rights of the Buyer hereunder, including its rights to enforce the indemnification
27 provisions hereof.

28 Section 3.16 INTENTIONALLY DELETED

1 Section 3.17 Condition of Purchased Assets. Except as set forth on
2 Schedule 3.17, the equipment included within the Purchased Assets is in good working order,
3 subject to normal wear and tear.

15 Section 3.19 Schedules. The Schedules referred to in this Article III are an
16 integral part of the representations and warranties contained herein; provided, however, no fact,
17 matter, circumstance or condition disclosed on any such Schedule shall be part of the Assumed
18 Liabilities unless expressly assumed by Buyer under and pursuant to Section 2.2(a).

19 Section 3.20 **No Omissions**. Nothing contained in this Agreement or in any
20 related document, schedule, exhibit, certificate, report, statement, or other information furnished
21 to Buyer (or any representative thereof) in connection with the Transactions contains any
22 material misstatement of fact or omits to state a material fact necessary to make the statements
23 contained herein or therein not misleading.

ARTICLE IV

REPRESENTATIONS AND WARRANTIES OF THE BUYER

26 The Buyer represents and warrants to the Seller as follows:

27 Section 4.1 Organization. The Buyer is a, corporation duly organized, validly
28 existing and in good standing under the laws of the State of Delaware.

1 Section 4.2 Authority Relative to this Agreement. The Buyer has full
2 corporate power and authority to execute and deliver this Agreement and to consummate the
3 Transactions and has immediately available funds at least equal to the Purchase Price. The
4 execution and delivery of this Agreement by the Buyer and the consummation by the Buyer of
5 the Transactions have been duly and validly authorized by the Buyer and no other corporate
6 proceedings on the part of the Buyer are necessary to authorize this Agreement or to
7 consummate the Transactions. This Agreement has been duly and validly executed and
8 delivered by the Buyer and constitutes a valid and binding obligation of the Buyer, enforceable
9 against the Buyer in accordance with its terms.

10 Section 4.3 Consents and Approvals; No Violations. No filing with, and no
11 permit, authorization, consent or approval of any Governmental Entity is necessary for the
12 consummation by the Buyer of the Transactions. Neither the execution and delivery of this
13 Agreement by the Buyer nor the consummation by it of the Transactions nor compliance by it
14 with any of the provisions hereof will (i) conflict with or result in any breach of any provision of
15 the certificate or articles of incorporation or by-laws of any of the Buyer, (ii) result in a violation
16 or breach of, or constitute (with or without due notice or lapse of time or both) a default (or give
17 rise to any right of termination, cancellation or acceleration) under, any of the terms, conditions
18 or provisions of any note, bond, mortgage, indenture, contract, agreement, permit, license, lease,
19 purchase order, sales order, arrangement or other commitment or obligation to which the Buyer
20 is a party or by which the Buyer or any of its properties or assets may be bound or (iii) violate
21 any order, writ, injunction, decree, statute, treaty, rule or regulation applicable to the Buyer,
22 except in the case of clauses (ii) or (iii) for violations, breaches or defaults which would not, in
23 the aggregate, prevent or delay the consummation of the Transactions.

24 Section 4.4 Brokers or Finders. Neither the Buyer nor any Affiliate of the
25 Buyer has retained any agent, broker, investment banker, financial advisor or other firm or
26 person that is or will be entitled to any broker's or finder's fee or any other commission or similar
27 fee in connection with any of the Transactions.

28 Section 4.5 No Litigation. As of the date hereof, there is no claim, action,
29 proceeding or, to the knowledge of the Buyer, threatened, nor is there outstanding any writ,
30 order, decree or injunction, that (i) calls into question the authority or right of the Buyer to enter

1 into this Agreement and consummate the Transactions contemplated hereby, or (ii) would
2 otherwise prevent or delay the transactions contemplated by this Agreement.

3

ARTICLE V
COVENANTS

4

5 Section 5.1 INTENTIONALLY DELETED

6 Section 5.2 Access to Information. The Seller shall permit the Buyer and its
7 respective representatives and agents to have reasonable access during normal business hours to
8 Seller's books and records relating to the Purchased Assets and reasonable access to the
9 Purchased Assets.

10 Section 5.3 Reasonable Efforts. Upon the terms and subject to the conditions
11 of this Agreement, each of the parties hereto agrees to use its reasonable efforts to take, or cause
12 to be taken, all actions, and to do, or cause to be done, all things necessary or advisable under
13 applicable laws and regulations to consummate and make effective the Transactions as promptly
14 as practicable, including: (i) the making of appropriate filings and such other actions reasonably
15 necessary in connection with the application for the Final Order; and (ii) the preparation and
16 filing of all other forms, registrations, consents and notices required to be filed to consummate
17 the Transactions.

18 Section 5.4 Certain Payroll Withholding Matters; Employees.

19 (a) At the Buyer's request, the Seller agrees to make available to the
20 Buyer any records relating to withholding and payment of income and unemployment taxes
21 (federal, state, and local) and FICA taxes with respect to wages paid to employees by the Seller
22 during the calendar year in which the Closing occurs.

23 (b) Notwithstanding anything contained herein to the contrary, the
24 Buyer has no duty or obligation, express or implied, to hire any current or former employee of
25 the Seller or with respect to taxes which the Seller was required to withhold from wages paid by
26 the Seller to its current or former employees.

11 Section 5.5 Fees and Expenses. Except as otherwise provided in this
12 Agreement, whether or not the Transactions are consummated, each of the Seller on the one hand
13 and the Buyer on the other hand shall bear its own fees and expenses incurred in connection with
14 the Transactions.

20 Section 5.7 Submission for Court Approval. The Buyer shall cooperate with
21 the Seller in obtaining Bankruptcy Court approval of the Agreement, and the Seller shall use its
22 reasonable efforts to obtain such approvals and shall deliver to the Buyer copies of pleadings,
23 motions, notices, statements, schedules, applications, reports and other papers filed with the
24 Bankruptcy Court relating to such approvals.

25 Section 5.8 Other Bids. The Seller shall notify the Buyer if any other bids for
26 the Purchased Assets, or any of the Purchased Assets, are received by the Seller and shall
27 promptly deliver to the Buyer a copy of any such written bids.

28 Section 5.9 INTENTIONALLY DELETED

1 Section 5.10 Transfer Taxes. All excise, sales, use, transfer (including real
2 property transfer or gains), stamp, documentary, filing, recordation and other similar taxes
3 together with any interest in respect of such additions or penalties ("Transfer Taxes") resulting
4 from the Transactions, if any, shall be borne by the Seller.

5 Section 5.11 Adequate Assurances. The Buyer covenants and agrees to
6 cooperate with Seller in connection with furnishing information pertaining to the satisfaction of
7 the requirement of adequate assurances of future performance as required under 11 U.S.C.
8 § 365(f)(2)(B) of any and all Assumed Contracts.

9 Section 5.12 INTENTIONALLY DELETED

10 Section 5.13 INTENTIONALLY DELETED

ARTICLE VI CONDITIONS

13 Section 6.1 Conditions to Each Party's Obligations. The respective obligations
14 of each party to effect the Transactions shall be subject to the satisfaction at or prior to the
15 Closing of the following conditions:

23 Section 6.2 Conditions to Obligations of the Buyer. The obligation of the
24 Buyer to effect the Transactions shall be further subject to the satisfaction at or prior to the
25 Closing of the following conditions:

20 (f) The form and substance of the Final Order shall be satisfactory to
21 Buyer.

22 (g) The Final Order shall have become Nonappealable.

25 Section 6.3 Conditions to Obligations of the Seller. The obligation of the
26 Seller to effect the Transactions shall be further subject to the satisfaction at or prior to the
27 Closing of the following conditions:

5 (b) The Buyer shall have performed in all material respects all
6 obligations required to be performed by it under this Agreement at or prior to the Closing.

ARTICLE VII

TERMINATION AND AMENDMENT

12 Section 7.1 Termination. This Agreement may be terminated by written notice
13 at any time prior to the Closing by:

(a) Mutual written consent of the Seller and the Buyer.

18 (c) INTENTIONALLY DELETED

1 Section 7.2 Effect of Termination. In the event of the termination of this
2 Agreement pursuant to Section 7.1 hereof, this Agreement shall terminate without any liability
3 on the part of any party hereto or its affiliates, directors, officers or stockholders.

4 Section 7.3 Amendment. This Agreement may be amended at any time by the
5 Seller and the Buyer but only by an instrument in writing signed on behalf of each of the Seller
6 and the Buyer.

7 Section 7.4 Extension; Waiver. At any time prior to the Closing, each of the
8 Seller, on the one hand, and the Buyer, on the other hand, may (i) extend the time for the
9 performance of any of the obligations or acts of the other, (ii) waive any inaccuracies in the
10 representations and warranties of the other contained herein or in any document delivered
11 pursuant hereto; (iii) waive compliance with any of the agreements of the other contained herein
12 or (iv) waive any condition to its obligations hereunder. Any agreement on the part of a party
13 hereto to any such extension or waiver shall be valid only if set forth in a written instrument
14 signed on behalf of such party.

15 ARTICLE VIII
16 INDEMNIFICATION

17 Section 8.1 Seller's Indemnity. Seller covenants and agrees to defend,
18 indemnify and hold harmless the Buyer, its officers, directors, employees, agents, advisers,
19 representatives and Affiliates (collectively, the "Buyer Indemnities") from and against, and pay
20 or reimburse the Buyer Indemnities for any and all claims, liabilities, losses, costs (including
21 reasonable attorneys' fees), or damages (collectively, "Losses") resulting from or arising out of:

22 (a) any breach of any representation or warranty made by the Seller
23 herein; provided, however, notwithstanding anything contained herein to the contrary, for
24 purposes of determining whether a representation or warranty of Seller has been breached under
25 this Section 8.1, such representations and warranties of Seller shall be interpreted and deemed to
26 have been made without regard or giving effect to the knowledge, materiality, or similar
27 qualifications therein set forth;

3 (c) any Excluded Liabilities or Excluded Assets;

7 Section 8.2 Buyer's Indemnity. The Buyer covenants and agrees to defend,
8 indemnify and hold harmless the Seller and its officers, directors, employees, agents, advisers,
9 representatives and Affiliates (collectively, the "Seller Indemnities") from and against, and pay
10 or reimburse the Seller Indemnities, for any and all Losses resulting from or arising out of:

13 (b) any failure by the Buyer to perform any covenant or agreement or
14 fulfill any other obligation in respect hereof;

15 (c) the Assumed Liabilities and the Buyer's Liabilities; and

16 (d) the Buyer's ownership, operation or use of the Purchased Assets
17 following the Closing Date.

18 Section 8.3 Procedure. In the event that any party (the "Aggrieved") desires to
19 make a claim for indemnification hereunder against any other party (the "Indemnitor") in
20 connection with any action, suit, proceeding or demand at any time instituted against or made
21 upon the Aggrieved for which the Aggrieved seeks indemnification hereunder (a "Claim"), the
22 Aggrieved shall notify the Indemnitor of such Claim and the amount and circumstances
23 surrounding it, and of the Aggrieved's claim of indemnification with respect thereto, provided
24 that failure of the Aggrieved to give such notice shall only relieve the Indemnitor of its
25 obligations under this Article VIII to the extent, if any, that the Indemnitor shall have been
26 prejudiced thereby. If the Aggrieved is the Seller or an Affiliate of the Seller, upon receipt of
27 such notice from the Aggrieved, the Buyer shall be entitled, at the Buyer's election, to assume or

1 participate in the defense of such Claim. In any case in which the Buyer assumes the defense of
2 the Claim, (i) the Aggrieved shall have the right, at its expense, to engage counsel to participate
3 in such defense, and (ii) the Buyer shall give the Aggrieved two business days notice prior to
4 executing any settlement agreement and the Aggrieved shall have the right, in its reasonable
5 discretion, to approve or reject the settlement; provided, however, that upon rejection of any
6 settlement, the Aggrieved shall assume control of the defense of such Claim and the liability of
7 the Buyer with respect to such Claim shall be limited to the amount or the monetary equivalent
8 of the rejected settlement and related expenses. The Seller shall have no right under any
9 circumstances, to assume defense of any claim.

10

ARTICLE IX

MISCELLANEOUS

12 Section 9.1 Survival. All representations and warranties of the parties
13 contained in this Agreement, including the Schedules hereto, or any certificate delivered in
14 connection herewith shall terminate on the Closing Date, other than representations and
15 warranties stated in sections 3.1, 3.2, 3.4, 3.10, 3.12, 3.14(d), 3.15, 3.18 , all of which shall
16 survive Closing , and 3.20 (to the extent applicable to any of the representations or warranties
17 which survive Closing).

18 Section 9.2 Notices. All notices and other communications hereunder shall be
19 in writing and shall be deemed given upon receipt if delivered personally, or when sent if mailed
20 by registered or certified mail (return receipt requested) or transmitted by facsimile (with
21 confirmation of transmittal) to the parties at the following addresses (or at such other address for
22 a party as shall be specified by like notice):

23 (a) if to the Seller, to:

24 Viagate Technologies, Inc.
25 745 Route 202/206
26 Suite 22C
27 Bridgewater, New Jersey 08807

28 with a copy to:

29 Markowitz Gravelle & Schwimmer
30 3131 Princeton Pike

**Lawrenceville, New Jersey 08648
Facsimile: (609) 896-3184
Attention: Christine M. Gravelle, Esquire**

(b) if to the Buyer, to:

Tut Systems, Inc.
5964 West Los Positas Boulevard
Pleasanton, CA 94588
Facsimile: (925) 460-3901
Attention: Salvatore D'Auria

(c) with a copy to:

**Stevens & Lee
1818 Market Street
29th Floor
Philadelphia, PA 19102-1702
Facsimile: (610) 371-7958
Attention: Robert Lapowsky, Esquire**

Section 9.3 Descriptive Headings. The descriptive headings herein are

21 inserted for convenience only and are not intended to be part of or to affect the meaning or
22 interpretation of this Agreement.

23 Section 9.4 Counterparts. This Agreement may be executed in two or more
24 counterparts, all of which shall be considered one and the same agreement.

25 Section 9.5 Entire Agreement. This Agreement, the exhibits and schedules
26 hereto and the related instruments constitute the entire agreement, and supersede all prior
27 agreements and understandings, both written and oral, between the parties with respect to the
28 subject matter hereof.

29 Section 9.6 Governing Law. This Agreement shall be governed and construed
30 in accordance with the laws of the State of New Jersey, without regard to any applicable
31 principles of conflicts of law.

32 Section 9.7 Specific Performance. The parties hereto agree that, if any of the
33 provisions of this Agreement were not performed in accordance with their specific terms or were
34 otherwise breached, irreparable damage would occur, no adequate remedy at law would exist and

1 damages would be difficult to determine, and that the parties shall be entitled to specific
2 performance of the terms hereof, in addition to any other remedy at law or equity.

3 Section 9.8 Assignment. This Agreement may not be assigned by any party
4 hereto without the written consent of the other parties.

5 Section 9.9 Parties in Interest. This Agreement shall be binding upon and
6 inure solely to the benefit of the parties hereto their successors and permitted assigns, and
7 nothing in this Agreement, express or implied, is intended to or shall confer upon any other
8 person or persons any rights, benefits or remedies of any nature whatsoever under or by reason
9 of this Agreement.

10 Section 9.10 Knowledge. For purposes of this Agreement, "knowledge" of the
11 Seller shall mean the actual knowledge of the Seller's officers involved in the Transactions.

12 Section 9.11 Severability. This Agreement shall be deemed severable; the
13 invalidity or unenforceability of any term or provision of this Agreement shall not affect the
14 validity or enforceability of this Agreement or of any other term hereof, which shall remain in
15 full force and effect.

16 Section 9.12 Exclusive Jurisdiction. The parties hereby agree that, without
17 limitation of any party's right to appeal any order of the Bankruptcy Court, (a) the Bankruptcy
18 Court shall retain exclusive jurisdiction to enforce the terms of this Agreement and to decide any
19 claims or disputes which may arise or result from, or be connected with this Agreement, any
20 breach or default hereunder, or the Transactions and (b) any and all claims, actions, causes of
21 action, suits and proceedings relating to the foregoing shall be filed and maintained only in the
22 Bankruptcy Court, and the parties hereby consent and submit to the jurisdiction of the
23 Bankruptcy Court and shall receive notices at such locations as indicated in Section 8.2 hereof;
24 provided that to the extent the Bankruptcy Court determines or the parties otherwise agree that
25 the Bankruptcy Court does not have jurisdiction, then the parties shall submit to the exclusive
26 jurisdiction of the Federal or State courts of the State of New Jersey.

1 IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of

2 the date first written above.

3 VIAGATE TECHNOLOGIES, INC.

4 By: _____

5 Name: Dennis Roth
6 Title: President

7 TUT SYSTEMS, INC.

8 By: _____

9 Name: Salvatore D'Auria
10 Title: President

10
11
12
13
14

Asset Purchase Agreement

Among Tut Systems, Inc. and ViaGate Technologies, Inc.

SCHEDULE 1(b) - Patents

Patents:

- a. Letters Patent: None.
- b. U.S. Patent Applications:
 - 09/766,932-Customer Premises Equipment Used In Multimedia Broadband Telecommunication. (filed January 22, 2001; Y. Brian Chen, Inventor); Assigned to ViaGate Technologies, Inc.; Atty. Ref: VIA 003
 - ✓ • 09/767,000-A Local Switch For A Broadband Multimedia Telecommunications System. (filed January 22, 2001; Y. Brian Chen, Viswa Sharma, Nadine Brody, Huaiyeu Yu and Neil Weinstock, Inventors) Assigned to ViaGate Technologies, Inc.; Atty. Ref: VIA 002
 - ✓ • 09/767,016-Methods And Apparatus For Multimedia Broadband Telecommunication. (filed January 22, 2001; Y. Brian Chen, Inventor) Assigned to ViaGate Technologies, Inc.; Atty. Ref: VIA 001
- c. Non-U.S. Patent Applications: None.
- d. PCT/Other Applications: None.